

Claim Remembering
Per rule 1.126

[529.1005]

WHAT IS CLAIMED IS:

1. A convertible top for a vehicle having a vehicle body comprising:

a backlite having a first position corresponding to a retracted position of the convertible top and a second position corresponding to an deployed position of the convertible top;

a floating bow connected to the backlite, the floating bow having a raised position when the backlite is in the first position and a lowered position when the backlite is in the second position; and

an attachment device for connecting the floating bow to the vehicle body, the attachment device including a base section attachable to the vehicle body and an adjustment section connected to the floating bow and moveable with respect to the base section for adjusting the raised position of the floating bow.

2. The convertible top as recited in claim 1 further comprising a seal fixed to the vehicle body, the floating bow contacting the seal in the raised position.

3. The convertible top as recited in claim 1 further comprising at least one flexible strap connecting the adjustment section to the floating bow.

4. The convertible top as recited in claim 1 wherein the base section is rotationally fixed with respect to the vehicle body, and the adjustment section includes a screw that translates with respect to the base section.

5. The convertible top as recited in claim 4 wherein the adjustment section includes an adjustment nut in which the screw turns, the adjustment nut being rotationally fixed with respect to the base section, but translationally moveable with respect to the base section.

6. The convertible top as recited in claim 1 wherein the base section is made of rubber to reduce noise and vibration.

7. The convertible top as recited in claim 1 wherein the base section has a middle section with two flat sides for interacting with a keyhole slot in the vehicle body.

8. The convertible top as recited in claim 1 further comprising two rods attached to the adjustment nut for supporting a strap connected to the floating bow.

9. ~~8.~~ The floating bow preferably supports a section of a soft top connected to the backlite.

10. ~~9.~~ A motor vehicle comprising a vehicle body and a convertible top, the convertible top including:

a backlite having a first position corresponding to a retracted position of the convertible top and a second position corresponding to an deployed position of the convertible top;

a floating bow connected to the backlite, the floating bow having a raised position when the backlite is in the first position and a lowered position when the backlite is in the second position; and

an attachment device for connecting the floating bow to the vehicle body, the attachment device including a base section attachable to the vehicle body and an adjustment section connected to the floating bow and moveable with respect to the base section for adjusting the raised position of the floating bow.

11. ~~10.~~ An attachment device for connecting a convertible top to a vehicle body comprising:

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a base section for being fixed to the vehicle body;
a nut for connecting to the convertible top and fixed rotationally with respect to the base section; and
a screw passing through the base section and interacting with the nut so as to move the nut translationally.

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12 ~~X~~. A method for installing a convertible top having a floating bow comprising the steps of:

attaching an attachment device having a base section and an adjustment section to a slot in a vehicle body so that the base section is rotationally fixed with respect to the vehicle body, the adjustment section being connected to the floating bow; and

adjusting the adjustment section to set a desired position of the floating bow when the convertible top is deployed.